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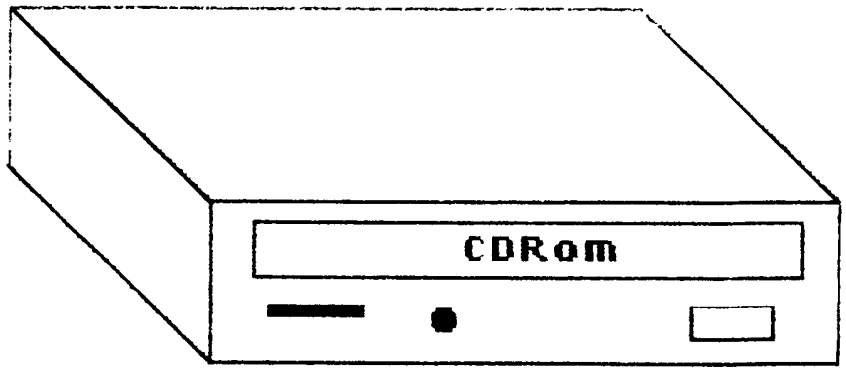

C D F

The CDRom File Manager for OS9/68K

CDF is a CDRom file manager for OS9/68K. It makes the CDRom look like a hard-drive to the operating system. Standard OS9 commands and programs can directly access files on CDRom, allowing the user access to the wealth of picture and sound information stored on CD.

CDF requires an OS9/68K based computer with SCSI interface, a SCSI CDRom drive, and appropriate cabling.

This package includes the File Manager (CDF), the drive Descriptor (CDR), and the Driver (RBROM). All systems will require a SCSI Sub-routine package for the SCSI interface in their computer (usually used for SCSI Hard-drives).

HARDWARE INSTALLATION

First set the id# of your CDRom drive to 1. This is usually done by installing jumpers (generally identified by a # adjacent to the jumper) on the back of the drive (check your manual). In general you should only need one jumper installed (no parity or ATN jumpers). Install the drive in the bay of your choice and connect the power plug and SCSI cable connector. If there is not an empty connector on your SCSI cable, you will need to add one (or purchase a new cable). You may wish to install an audio cable to route the sound from audio CDs to your external speakers. Once you have the CDRom drive installed and connected properly, you may with to power up your computer and follow the 'testing' directions to verify proper operation.

MM/1 INSTALLATION

Installation of the CDF software on an MM/1 is simple and straight forward. Simply build a new bootfile including the files CDF, RBROM, and CDR. Be sure that you already have the SCSI_MM1D module in your bootfile, if not, check your original disks or contact Blackhawk Enterprises for the newest version. If the SCSI id number of your CDRom drive is not #1 you will need to change the number in CDR to match, or change the jumpers on the drive to #1. Use moded or ded to change the CtrlrID byte at offset $6e in CDR.

INSTALLATION ON OTHER SYSTEMS

If you have an OS9/68K system other than an MM/1, your SCSI sub-routine package will have a different name than SCSI_MM1D. Any SCSI sub-routine package that follows the MicroWare SCSIpak standard will work with the rest of the modules supplied. Simply change the name 'SCSI_MM1D' in the module CDR (using ded or moded, on a BACKUP copy of the disk) to the name of your particular sub-routine package (usually named 'scsi.....'). Then follow the instructions for testing and MM/1 installation.

TEMPORARY USE AND TESTING

After installing your CDRom drive, you may wish to test it prior to building a new bootfile. Simply insert the distribution disk (or a backup of it) into your /d0 floppy drive and type the following commands:

load /d0/cdf <ENTER>
load /d0/rbrom <ENTER>
load /d0/cdr <ENTER>

Insert a CDRom disk in your CDRom drive and type:

dir <ENTER>

You should see a directory of the root of the CDRom. If not, verify that the scsi id# is set to 1 on the drive. Play around with your disc's directories and if there are any picture or sound files gif, wav, etc), use the appropriate utilities to view or play them (gifshow, wavplay, etc).